



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
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June 14, 2017

MEMORANDUM

TO: Brenda Bachman, Manager
Office of Environmental Review and Assessment
Risk Evaluation Unit

FROM: Brent Richmond, Credentialed Compliance Sampler
Office of Environmental Assessment
Environmental Services Unit

SUBJECT: Case Narrative for Field Technical Support – Discover Bay Oyster Study

Project Code: WTR-187A
Account Code: 20172018B10P202BD4X24

Introduction

This memorandum documents sampling conducted on June 6, 2017 by EPA staff at two locations in Discovery Bay for the Discovery Bay Oyster Study in Jefferson County, WA. Samples were collected by Brent Richmond and Jed Januch. And was done according to the Discovery Bay quality assurance project plan (QAPP), May 2017.

Samples

A total of two samples were collected. See attached Sample Custody and Analysis Form.

1. 17234000 on June 6, 2017 at 1023 - Snow Creek Oysters
2. 17234001 on June 6, 2017 at 1140 - Port Discovery Seafarms

Sampling Procedure

The samples were collected by lowering a 3.5-liter bottle sampler to the designated depth and capturing the water. The sampler was then raised to the surface and drained into three poly, QC Class, 1-liter bottles. See attached QC Certificate for bottles.

Samples were labeled and stored on ice until custody was transferred to the laboratory.

Sample Depth and Location Data

GPS data provided in the QAPP was estimated. Field adjustments or decisions were made based on observations and best available information.

The Snow Creek sample was taken at the given QAPP GPS location of N 48.08175 degrees, W- 122.83902 degrees. With no landmarks to judge sampling location and the open water nature of the area a sample was taken from 60-foot depth as directed. An orange buoy was located approximately 50 yards to the south of the sample point.

The Port Discovery Seafarms sample location was moved from the GPS point outlined in the QAPP. This point was moved and estimated 200 yards to the west where the facility water intake and tank(s) were located in the upland. The sample was taken at GPS location N 48.00364 degrees, W – 122.83952 and at a depth of 10 feet.

Field Analysis

No field analysis was performed.

Photo Log

No photos by sampler.